Title (en)

A system and method for classification of moving object during video surveillance

Title (de)

System und Verfahren zur Klassifizierung von sich bewegenden Objekten während der Videoüberwachung

Title (fr)

Système et procédé pour la classification d'un objet en mouvement pendant une surveillance vidéo

Publication

EP 2413265 B1 20171018 (EN)

Application

EP 11169344 A 20110609

Priority

IN 2162MU2010 A 20100729

Abstract (en)

[origin: EP2413265A2] A system for classifying moving objects during video based surveillance comprising steps of: capturing silhouette image of moving object, resizing the captured image, computing average height to width ratio and center of gravity for the object in the resized image, dividing resized image, comparing the average height to average width of the object and further comparing variance of center of gravity with the predetermined threshold value to classify the object in the captured silhouette into predetermined classes.

IPC 8 full level

G06K 9/52 (2006.01); G06V 10/42 (2022.01)

CPC (source: EP US)

G06V 10/42 (2022.01 - EP US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 2413265 A2 20120201; EP 2413265 A3 20141126; EP 2413265 B1 20171018; CN 102346855 A 20120208; CN 102346855 B 20150603; JP 2012033152 A 20120216; JP 5047382 B2 20121010; US 2012026328 A1 20120202; US 9082042 B2 20150714

DOCDB simple family (application)

EP 11169344 A 20110609; CN 201110184660 A 20110621; JP 2011136524 A 20110620; US 201113194706 A 20110729